

## MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 5/25/2016 (Half)</b>	Man Days: 0.5
<b>Inspection Unit: Belleville/E. St. Louis</b>	
<b>Location of Audit: Mascoutah</b>	
<b>Exit Meeting Contact: Chuck Tebbe</b>	
<b>Inspection Type: Design Testing and Construction</b>	
<b>Pipeline Safety Representative(s): Kevin Hecker</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

CONSTRUCTION INFORMATION		
<b>Location of Construction:</b> Daniel Drive, Mascoutah, IL.	<b>Construction Performed By:</b> Ameren Illinois Company	
<b>Contractor Foreman:</b>		
<b>Operator Inspector:</b>		
Person(s) On Job Site		
Garth Tiemann	Lamarce Tart	-
-	-	-
-	-	-
-	-	-
<b>Description of Construction:</b> Staff observed Ameren personnel installing 2" PE main along Daniel Drive in a new subdivision development south of Mascoutah. Once completed, the new main serving the development will have a 2-way feed once tied into the existing mains on Brickyard Road, and the west end of Industrial St.		

MAIN INSTALLATION		Status
[192.55]	Steel	No
[192.59]	PE	Yes
[192.59]	Other	No
[192.5]	Class location :	Class 2
[192.619,192.621,192.623]	MAOP	60 psig
[192.63]	Pipe Size :	2"

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[192.55,192.59]	Specification :	ASTM D2513
[192.55,192.59]	Manufacturer :	Driscoplex
[192.55,192.59]	Pipe Grade :	PE 2406/2708
[192.55,192.59]	Wall Thickness :	DR 11
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
[192.227]	Date of Welder qualification:	Not Applicable
<b><u>General Comment:</u></b> No welding was observed during this audit.		
[192.227]	Welder's Name:	Not Applicable
<b><u>General Comment:</u></b> No welding was observed during this audit.		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
[192.285]	Date of Plastic Joining Qualification :	4/8/2016
[192.285]	Joiner's name:	Lamarce Tart
[192.455]	Is buried metallic pipe coated?	Not Applicable
<b><u>General Comment:</u></b> Steel pipe was not utilized for this project.		
[192.461]	Does coating meet 192.461?	Not Applicable
<b><u>General Comment:</u></b> Steel pipe was not utilized for this project.		
[192.455(a)(1)]	Is cathodic protection being provided?	Not Applicable
<b><u>General Comment:</u></b> No steel pipe was utilized during this project.		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	No
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	No
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Not Applicable
<b><u>General Comment:</u></b> No steel pipe was utilized during this project.		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Not Applicable
<b><u>General Comment:</u></b> No steel pipe was utilized during this project.		

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[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No above-ground facilities were installed as part of this project.</i>		
[192.303]	Are comprehensive written construction specifications available and adhered to?	<b>Satisfactory</b>
[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	<b>Satisfactory</b>
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	<b>Satisfactory</b>
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>No back-filling was observed during this audit.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	<b>Satisfactory</b>
[192.321(e)]	Does plastic pipe have means of locating while underground?	<b>Satisfactory</b>
[192.325]	Are required clearances from underground structures being maintained?	<b>Satisfactory</b>
[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff confirmed depth at several areas throughout the job site which ranged from 29" to 34."</i>		
[192.503]	Are general testing requirements being met?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The main was pressure tested to 106 psig overnight. Staff returned to the site the next morning to confirm the pressure test results and to confirm the calibration date of the gauge used. It was last calibrated on 1/13/2016.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not review records of the leak tests performed on this newly installed main.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>All personnel observed were qualified to perform the tasks performed.</i>		
[192.805(c)]	Were span of control limitations being followed?	<b>Not Applicable</b>

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<b><u>General Comment:</u></b> <i>All personnel observed were qualified to perform the tasks performed.</i>		
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
[192.614]	Dig Ticket #	<b>see below</b>
<b><u>General Comment:</u></b> X1261651 X1261631 X1261639 X1261640 X1261617 X1261613 A1440286		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Staff did not observe any instances where a gaseous atmosphere was present. The main was pressure tested with air prior to being tied into the gas system.</i>		
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No transmission pipelines were observed during this audit.</i>		

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